| L Number | Hits | Search Text | DB | Time stamp |
|---|---|---|---|---|
| 1 | 211 | (332/115,150,155; 329/363; 375/260,264,268,317,320,359).ccls. and amplitude$1 and (pulse with modulat$3) | USPAT; US-PGPUB; EPO; JPO | 2003/04/01 10:08 |
| 2 | 91 | ((332/115,150,155; 329/363; 375/260,264,268,317,320,359).ccls. and amplitude$1 and (pulse with modulat$3)) and ((adjust$3 or detect$3 or determin$ or compar$3 or measur$3 or calculat$3) near4 (amplitude$1 or magnitude)) | USPAT; US-PGPUB; EPO; JPO | 2003/04/01 10:13 |
| 3 | 34 | (((332/115,150,155; 329/363; 375/260,264,268,317,320,359).ccls. and amplitude$1 and (pulse with modulat$3)) and ((adjust$3 or detect$3 or determin$ or compar$3 or measur$3 or calculat$3) near4 (amplitude$1 or magnitude))) and ((time adj division) or multiplex$3) | USPAT; US-PGPUB; EPO; JPO | 2003/04/01 12:31 |
| 4 | 1 | 3718767.pn. | USPAT; US-PGPUB; EPO; JPO | 2003/04/01 15:24 |
| 5 | 1 | 6229633.pn. | USPAT; US-PGPUB; EPO; JPO | 2003/04/01 15:24 |
| 6 | 1 | 6067180.pn. | USPAT; US-PGPUB; EPO; JPO | 2003/04/01 15:24 |
| 7 | 1 | 5805321.pn. | USPAT; US-PGPUB; EPO; JPO | 2003/04/01 15:25 |
| - | 405 | (359/135,140; 370/498,499,533,535,536).ccls. and pulse and (ampli$7) | USPAT; US-PGPUB; EPO; JPO | 2003/04/01 09:50 |
| - | 292 | ((359/135,140; 370/498,499,533,535,536).ccls. and pulse and (ampli$7)) and modulat$3 | USPAT; US-PGPUB; EPO; JPO | 2003/03/31 10:44 |
| - | 43 | (((359/135,140; 370/498,499,533,535,536).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)) | USPAT; US-PGPUB; EPO; JPO | 2003/03/31 14:26 |
| - | 16 | (359/135).ccls. and (370/533,535).ccls. not ((((359/135,140; 370/498,499,533,535,536).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) | USPAT; US-PGPUB; EPO; JPO | 2003/03/31 14:36 |

| | | 13 | (359/115,135,140).ccls. and (370/498,499,533,535,536).ccls. not (((((359/135,140; 370/498,499,533,535,536).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/533,535).ccls. not ((((359/135,140; 370/498,499,533,535,536).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))))) | USPAT; US-PGPUB; EPO; JPO | 2003/03/31 14:57 |
|---|---|---|---|---|---|
| - | | 124 | (359/140).ccls. and ampli$8 not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or US-3363103-A.DID.) | USPAT; US-PGPUB; EPO; JPO | 2003/03/31 15:04 |
| - | | 74 | ((359/140).ccls. and ampli$8 not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or US-3363103-A.DID.)) and (amplitude$1 or magnitude$1) | USPAT; US-PGPUB; EPO; JPO | 2003/03/31 15:16 |

| | | 74 | ((359/140).ccls. and ampli$8 not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or US-3363103-A.DID.)) and (amplitude$1 or magnitude$1)(((359/140).ccls. and ampli$8 not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or US-3363103-A.DID.)) and (amplitude$1 or magnitude$1)) not ((359/140 \| 359/135 \| 359/115).ccls. and (370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498).ccls. not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))))) | USPAT; US-PGPUB; EPO; JPO | 2003/03/31 15:16 |

| | | 73 | (((359/140).ccls. and ampli$8 not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or US-3363103-A.DID.)) and (amplitude$1 or magnitude$1)) not ((359/140 \| 359/135 \| 359/115).ccls. and (370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498).ccls. not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))))) | USPAT; US-PGPUB; EPO; JPO | 2003/03/31 17:07 |

| | 26990 | multiplex$3 and pulse and (amplitude$1 or magnitude$1) not (((((370/536 | 370/535 | 370/533 | 370/499 | 370/498 | 359/140 | 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 | 370/533).ccls. not ((((370/536 | 370/535 | 370/533 | 370/499 | 370/498 | 359/140 | 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or ((359/140 | 359/135 | 359/115).ccls. and (370/536 | 370/535 | 370/533 | 370/499 | 370/498).ccls. not (((((370/536 | 370/535 | 370/533 | 370/499 | 370/498 | 359/140 | 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 | 370/533).ccls. not ((((370/536 | 370/535 | 370/533 | 370/499 | 370/498 | 359/140 | 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))))) or ((((359/140).ccls. and ampli$8 not (((((370/536 | 370/535 | 370/533 | 370/499 | 370/498 | 359/140 | 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 | 370/533).ccls. not ((((370/536 | 370/535 | 370/533 | 370/499 | 370/498 | 359/140 | 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or US-3363103-A.DID.)) and (amplitude$1 or magnitude$1)) not ((359/140 | 359/135 | 359/115).ccls. and (370/536 | 370/535 | 370/533 | 370/499 | 370/498).ccls. not (((((370/536 | 370/535 | 370/533 | 370/499 | 370/498 | 359/140 | 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 | 370/533).ccls. not ((((370/536 | 370/535 | 370/533 | 370/499 | 370/498 | 359/140 | 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))))))) | USPAT; US-PGPUB; EPO; JPO | 2003/03/31 17:09 |

| | | 760 | (multiplex$3 and pulse and (amplitude$1 or magnitude$1) not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or ((359/140 \| 359/135 \| 359/115).ccls. and (370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498).ccls. not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))))) or ((((359/140).ccls. and ampli$8 not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or US-3363103-A.DID.)) and (amplitude$1 or magnitude$1)) not ((359/140 \| 359/135 \| 359/115).ccls. and (370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498).ccls. not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))))))))) and (pulse adj amplitude adj modulat$3) | USPAT; US-PGPUB; EPO; JPO | 2003/03/31 17:38 |

| | | 98 | ((multiplex$3 and pulse and (amplitude$1 or magnitude$1) not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or ((359/140 \| 359/135 \| 359/115).ccls. and (370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498).ccls. not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))))) or ((((359/140).ccls. and ampli$8 not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or US-3363103-A.DID.)) and (amplitude$1 or magnitude$1)) not ((359/140 \| 359/135 \| 359/115).ccls. and (370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498).ccls. not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))))))))) and (pulse adj amplitude adj modulat$3)) | USPAT; US-PGPUB; EPO; JPO | 2003/03/31 17:10 |

| - | 49 | (((multiplex$3 and pulse and (amplitude$1 or magnitude$1) not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or ((359/140 \| 359/135 \| 359/115).ccls. and (370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498).ccls. not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))))) or ((((359/140).ccls. and ampli$8 not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or US-3363103-A.DID.)) and (amplitude$1 or magnitude$1)) not ((359/140 \| 359/135 \| 359/115).ccls. and (370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498).ccls. not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))))))))) and (pulse adj amplitude adj modulat$3)) and (pulse adj code)) and (time adj division) | USPAT; US-PGPUB; EPO; JPO | 2003/03/31 17:30 |

| | | 49 | (((multiplex$3 and pulse and (amplitude$1 or magnitude$1) not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or ((359/140 \| 359/135 \| 359/115).ccls. and (370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498).ccls. not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))))) or ((((359/140).ccls. and ampli$8 not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or US-3363103-A.DID.)) and (amplitude$1 or magnitude$1)) not ((359/140 \| 359/135 \| 359/115).ccls. and (370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498).ccls. not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))))))))) and (pulse adj amplitude adj modulat$3)) | USPAT; US-PGPUB; EPO; JPO | 2003/03/31 17:30 |

and (pulse adj again)) not ((((multiplex$3 and pulse and (amplitude$1 or magnitude$1) not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \|

| | 31421393 | ((multiplex$3 and pulse and (amplitude$1 or magnitude$1) not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or ((359/140 \| 359/135 \| 359/115).ccls. and (370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498).ccls. not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))))) or ((((359/140).ccls. and ampli$8 not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or US-3363103-A.DID.)) and (amplitude$1 or magnitude$1)) not ((359/140 \| 359/135 \| 359/115).ccls. and (370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498).ccls. not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))))))))) and (pulse adj amplitude adj modulat$3)) | USPAT; US-PGPUB; EPO; JPO | 2003/03/31 17:39 |

and (compar$4 with amplitude) (not (((09/694458$3 and pulse and (amplitude$1 or magnitude$1) not (((((370/536 \| 370/535 \|

| | | 79 | ((multiplex$3 and pulse and (amplitude$1 or magnitude$1) not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or ((359/140 \| 359/135 \| 359/115).ccls. and (370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498).ccls. not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))))) or ((((359/140).ccls. and ampli$8 not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))) or US-3363103-A.DID.)) and (amplitude$1 or magnitude$1)) not ((359/140 \| 359/135 \| 359/115).ccls. and (370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498).ccls. not (((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7))) or ((359/135).ccls. and (370/535 \| 370/533).ccls. not ((((370/536 \| 370/535 \| 370/533 \| 370/499 \| 370/498 \| 359/140 \| 359/135).ccls. and pulse and (ampli$7)) and modulat$3) and ((amplitude or magnitude) with (adjust$3 or increas$3 or decreas$3 or magnif$7)))))))))) and (pulse adj amplitude adj modulat$3)) | USPAT; US-PGPUB; EPO; JPO | 2003/03/31 17:40 |

and (compar$4 with amplitude) not ((109/694253.and pulse and (amplitude$1 or magnitude$1) not (((((370/536 \| 370/535 \|